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#2 Fee  
Authorization  
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R. Stokes

JC841 U.S. PTO  
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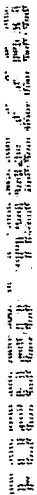
**Box Patent Application**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

New U.S. Patent Application  
Title: ION SOURCE AND OPERATION METHOD THEREOF  
Inventor: Takatoshi YAMASHITA

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 15 pages, including 2 independent claims and 6 claims total.
2. Drawings - 4 sheets of informal drawings containing 4 figures.
3. Declaration and Power of Attorney.
4. Recordation Form Cover Sheet and Assignment to NISSIN ELECTRIC CO., LTD.
5. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with document attached.
6. The filing fee is calculated as follows:



Assistant Commissioner for Patents  
February 2, 2001  
Page 2

jc841 U.S. PTO

09/773664



					\$710	\$ 710.00
Basic Application Filing Fee	Number of Claims		Basic	Extra Claims		
Total Claims	6	-	20		x \$18	
Independent Claims	2	-	3		x \$80	
[ ] Presentation of Multiple Dep. Claim(s)					+\$270	
					Subtotal	\$ 710.00
					Reduction by 1/2 if small entity	-
					TOTAL APPLICATION FILING FEE	\$ 710.00

7. A check for \$750.00 is enclosed. The fee includes:

\$710.00 filing fee;  
\$40.00 Assignment recordation fee.

Applicant claims the right to priority based on Japanese Application No. 2000-048470, filed February 25, 2000.

Please address all correspondence with respect to this application to:

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Please accord this application a serial number and filing date and record and return the Assignment to the undersigned.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

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February 2, 2001

Page 3



The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By: *Ernest F. Chapman* 20,338  
Ernest F. Chapman  
Reg. No. 25,961

EFC/FPD/bl  
Enclosures